

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/518,057  
Source: PCT  
Date Processed by STIC: 01/05/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

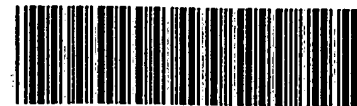
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/518,057

DATE: 01/05/2006

TIME: 11:26:42

Input Set : A:\PCT-JP03-07838seq.txt

Output Set: N:\CRF4\01052006\J518057.raw

3 <110> APPLICANT: TAKARA BIO INC.  
 5 <120> TITLE OF INVENTION: Enzyme for digesting sulfated fucan from seacucumber  
 7 <130> FILE REFERENCE: 663848  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/518,057  
 C--> 9 <141> CURRENT FILING DATE: 2004-12-16  
 9 <150> PRIOR APPLICATION NUMBER: JP 2002-180490  
 10 <151> PRIOR FILING DATE: 2002-06-20  
 12 <150> PRIOR APPLICATION NUMBER: JP 2002-239843  
 13 <151> PRIOR FILING DATE: 2002-08-20  
 15 <160> NUMBER OF SEQ ID NOS: 1

Does Not Comply  
 Corrected Diskette Needed

(p2-1)

## ERRORED SEQUENCES

17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 1521  
 19 <212> TYPE: DNA  
 20 <213> ORGANISM: Fucoidanobacter marinus SI-0098  
 22 <400> SEQUENCE: 1  
 23 agagtttgat cctggctcag aatgaacgct ggcggcgtgg ttcagacatg caagtcgaac 60  
 24 gggattgtct agttagcttg ctaattagac atgagagtgg cgaacgggtg cgtaaacagt 120  
 E--> 25 aaagaacctt cccttatgtg ggggatagct caccgaatgg tgaattaata ccgcatgtgg 180  
 E--> 26 tctctcttca catgaagagt acacnaagc tggggacctt cgggcctggc gcatagggag 240  
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 28 ctggtctgag aagatgatca gccacactgg aacttagaca cggtcacagc acctacgggt 360  
 29 ggcagcagtt tcgaatcttt cacaatgggc gaaagcctga tggagcaacg ccgcgtgggg 420  
 30 gatgaaggcc ttcgggttgt aaacccctgt caccaaggat aaaacgtaat ctattaatac 480  
 31 taggttgcct gatgtaactt ggagaggaag gagtggctaa ctctgtgcca gcagccgcgg 540  
 32 taatacagag actccaagcg ttattcggat tctctggcg taaagggagc gcaggcggcc 600  
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 46 tgaatacgtt cccaggcctt gtacacaccc cccgtcacgt tatggaagcc ggttttgccc 1440

→ p/s Explain  
 n' locations  
 see page  
 3 for  
 Error  
 Explanation

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/518,057

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Input Set : A:\PCT-JP03-07838seq.txt

Output Set: N:\CRF4\01052006\J518057.raw

47 gaagtatggt agctaaccgc caagggaggc gatgtcctaa ggtgaggctg gtaactggaa 1500  
48 cgaagtcgta acaaggtagc c 1521

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/518,057

DATE: 01/05/2006

TIME: 11:26:43

Input Set : A:\PCT-JP03-07838seq.txt

Output Set: N:\CRF4\01052006\J518057.raw

*Error Explanations*

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1; N Pos. 158,206,295

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/518,057

DATE: 01/05/2006

TIME: 11:26:43

Input Set : A:\PCT-JP03-07838seq.txt

Output Set: N:\CRF4\01052006\J518057.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:25 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1  
L:26 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1  
L:27 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1